

## Kristin Begun - NOAA Affiliate

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**From:** Kristin Begun - NOAA Affiliate  
**Sent:** Wednesday, May 8, 2019 3:55 PM  
**To:** Page Vick - NOAA Affiliate  
**Cc:** Brittany Cunningham - NOAA Affiliate  
**Subject:** Re: ROC on LTO status of the species section

Yes, it's really hard to find monthly timing by location. But it probably has some good info that we could use to update other sections if time permits...

On Wed, May 8, 2019 at 3:46 PM Page Vick - NOAA Affiliate <[page.vick@noaa.gov](mailto:page.vick@noaa.gov)> wrote:

Okay, there's also a paper from 2018 by Ethan Mora looking at population run-size estimate in the Sacramento that I can add.

I also found this 2018 paper on winter-run looking at rearing outside of critical habitat (American, Feather, Lassen tributaries). It doesn't have the timing associated with habitat use though, which I assume is essential for the update?

On Wed, May 8, 2019 at 3:37 PM Kristin Begun - NOAA Affiliate <[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)> wrote:

Hi Page,

I'm just getting started on updating the SR and SH tables. I have current juvenile data in the Delta, but for adults it's mostly journal articles, which are more difficult to find. I think 2015 is recent enough. You could add a 2017 reference from the green sturgeon report cards, which confirm their year-round presence (see Tables 4 and 5 in the attached).

Kristin

On Wed, May 8, 2019 at 3:17 PM Page Vick - NOAA Affiliate <[page.vick@noaa.gov](mailto:page.vick@noaa.gov)> wrote:

Hey Kristin,

Where are you getting the information to update the tables? The green sturgeon table includes citations from 2015. Do you think that it's up-to-date enough?

Thanks,  
Page

On Wed, May 8, 2019 at 3:07 PM Kristin Begun - NOAA Affiliate <[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)> wrote:

Rosalie had the same comment for tables in the east side effects section. I am working on updating spring-run and steelhead tables now. I will replace the tables in the Environmental Baseline and SOS sections with the updated tables. Brittany or Page, can you take on the winter-run and/or green sturgeon tables?

Thanks,  
Kristin

On Wed, May 8, 2019 at 1:49 PM Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)> wrote:

Team,

We also received a few comments from Rosalie wherever there are species periodicity tables (e.g., environmental baseline section) that start with/refers to the long version SOS section in Appendix B, Tables B-1, B-2, B-4, and B-7. Please check out those tables, and update, as appropriate, with more current monitoring data (e.g., Table B-1 for winter-run has a citation for KL RST data 1999-2011 and DJFMP 1995-2012).

Thanks!

-Garwin-

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*Garwin Yip*

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On Tue, May 7, 2019 at 10:19 AM Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)> wrote:

SOS team,

We're still awaiting Chris and Maria's reviews and comments on the SOS section, but we already got comments back from Rosalie. Check them out on the ROCON drive. For Rosalie's main and global comment, it may be helpful to briefly chat with the division leads about the main stressors/threats that have the largest effects, then see what type of effort it would take to address Rosalie's comment. We could then regroup to see if it's worth the effort.

-Garwin-

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*Garwin Yip*

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